

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application.

1-10. (canceled)

11. (currently amended) An isolated human IKK- $\gamma$  nucleic acid molecule encoding a polypeptide having at ~~least 87%~~ least 90% amino acid identity with SEQ ID NO:2, wherein said polypeptide has one or more biological activities of a full-length IKK- $\gamma$  polypeptide.

12. (canceled)

13. (currently amended) ~~The isolated~~ An isolated human IKK- $\gamma$  nucleic acid molecule of ~~Claim 11~~, comprising a nucleotide sequence encoding amino acid sequence SEQ ID NO:2.

14. (previously presented) The isolated human IKK- $\gamma$  nucleic acid molecule of Claim 13, comprising nucleotides 149 to 1408 of SEQ ID NO:1.

15. (previously presented) The isolated human IKK- $\gamma$  nucleic acid molecule of Claim 13, comprising SEQ ID NO:1.

16-29. (canceled)

30. (previously presented) A human origin antisense polynucleotide, comprising a nucleotide sequence complementary to SEQ ID NO:1.

31. (new) The isolated human IKK- $\gamma$  nucleic acid molecule of Claim 11, wherein said one or more biological activities of a full-length IKK- $\gamma$  polypeptide comprise interaction with IKK- $\alpha/\beta$  in cells.

32. (new) The isolated human IKK- $\gamma$  nucleic acid molecule of Claim 11, wherein said one or more biological activities of a full-length IKK- $\gamma$  polypeptide comprise IKK- $\beta$  binding activity.

33. (new) The isolated human IKK- $\gamma$  nucleic acid molecule of Claim 11, wherein said one or more biological activities of a full-length IKK- $\gamma$  polypeptide comprise IKK- $\alpha$  binding activity.

34. (new) The isolated human IKK- $\gamma$  nucleic acid molecule of Claim 11, wherein said one or more biological activities of a full-length IKK- $\gamma$  polypeptide comprise dimerization or trimerization activity.